

SADL

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1.0 SYSTEMS AREA DRUM LOAD (SADL)

SADL is a tape to drum utility program for loading the Systems Program File from logical servo 0 onto a System Area on the drum. It may be used to write programs to any defined System Area, provided the tape format is that of the 1050 PAL Assembly System. Command Cards from the Reader, direct the operation of SADL.

SADL assumes that the Drum Area to which it is loading contains no valid information, if an open command is used. If an open command is not used, SADL will begin filing at the first free sector within the file.

2.0 COMMAND CARDS

2.1 INOUT COMMAND

FORM:	OP	OPERANDS
	INOUT	P1

WHERE: P1 = Two characters which describe the file where work is to be performed. The first character is an asterisk. The second character is the Systems Area Identifier associated with the Systems Area concerned.

i.e., ** = Systems Programming File
 *\$ = Scratch Area
 *A } thru } = User Library
 *Z }

NOTE: An INOUT Command must precede all other commands to SADL.

2.2 OPEN COMMAND

FORM: OP OPERANDS
OPEN P1

WHERE: P1 = A 4 character number representing the number of PD entries for programs required by this file.

This command is used to open a file or enlarge its PD Table.

2.3 COPY COMMAND

FORM:	OP	OPERANDS
	COPY	P1, P2

WHERE:

P1 = Program to be copied (MAX 4 character I.D.)

P2 = Blank or SKIP; if SKIP, all programs from present position of input tape to P1 will be deleted, otherwise, they will be copied.

2.4 STOP COMMAND

FORM:	OP	OPERANDS
	STOP	P1

This command is always the last command to SADL and must always be present.

If P1 is blank, SADL will copy the remainder of the input tape onto Fastrand.

If P2 is "SKIP", SADL will terminate the output at its present location.

3.0 SADL STOP DISPLAY LIST

DISPLAY	REASON AND ACTION
060277	SADL Ready, Depress Start.
060220	Cannot Locate P1 (Program ID) Check Command Card and Restart.
060257	Command not recognized Reload proper command, Depress Start.
060272	No INOUT Card, Load one Depress Start.
01600000	Attempted write in locked out position, Restart.
060233	Unable to complete, File size exceeded, Restart.
0160033	Unrecoverable Fastrand Error.
060244	Unable to complete, PD TABLE SIZE exceeded, PD TABLE
060249	Unable to complete PD T, Size exceeded,

4.0 EXAMPLES

NOTE: ** = Systems Programming File

<u>SERVICE</u>	<u>FUNCTION</u>	<u>COMMANDS</u>
Open & Copy	Copy entire tape & open file.	Inout ** Open 1000 Copy Stop
Copying	Copy one file (OPS1)	Inout ** Copy OPS1 SKIP Stop SKIP
Copying	Copy several files (OPS1 thru TINT)	Inout ** Copy OPS1 SKIP Copy TINT Stop SKIP